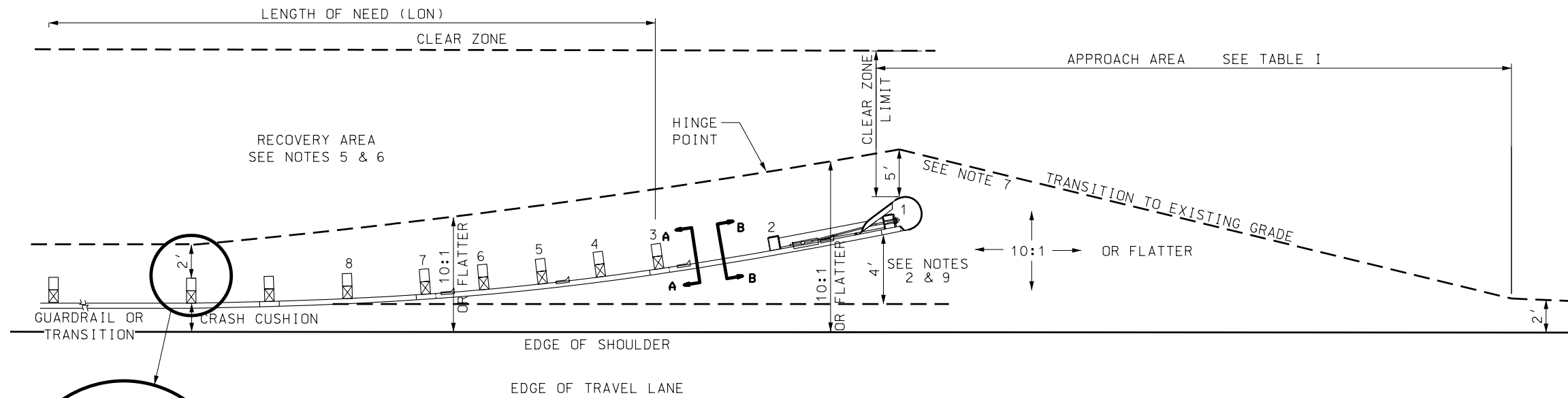
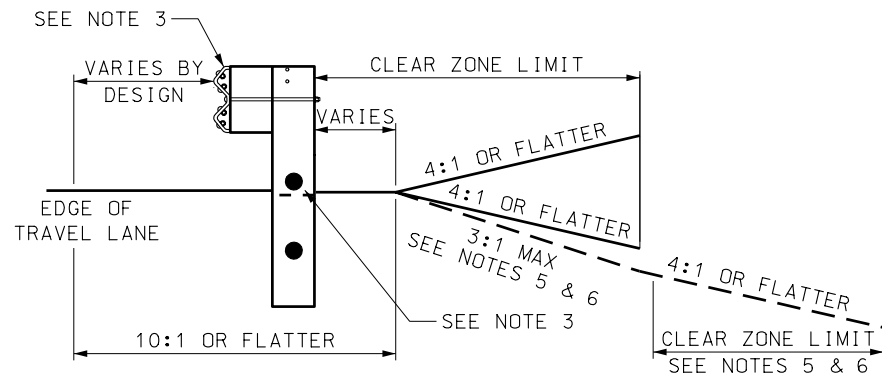


10-MAY-2005 DGN File: L:\Standard Drawings\Impervial\2005\Approved\Change2\Approved\CC09B.dgn



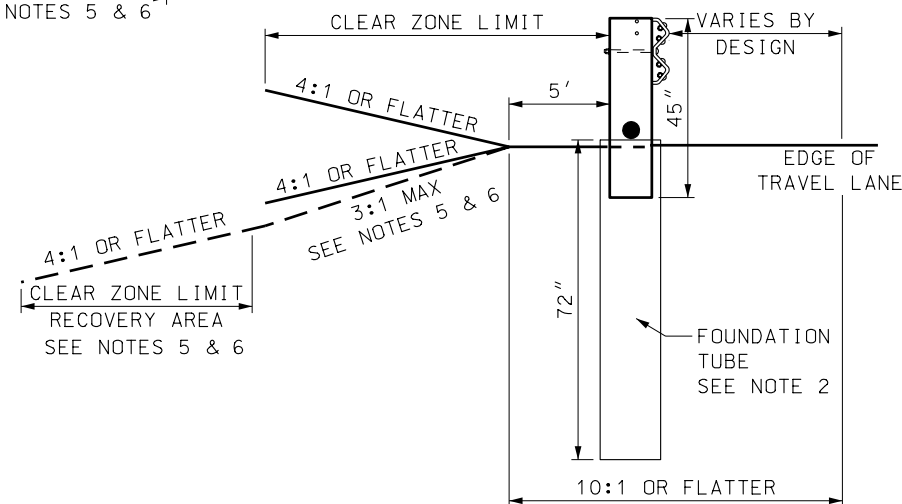
SRT-350  
(8 POSTS)  
SEE NOTE 1

← TRAFFIC



TYPICAL SECTION A-A  
POSTS 3-8

TABLE 1	
SPEED MPH	TAPER
LESS THAN 40	7:1
40 TO 55	10:1
60 TO 75	15:1



TYPICAL SECTION B-B  
POSTS 1-2

#### NOTES:

- APPROVED SYSTEM: SRT 350 MANUFACTURED BY TRINITY INDUSTRIES REFER TO UDOT'S GUIDELINES FOR CRASH CUSHIONS FOR SPECIFIC SYSTEM DETAILS.
- SYSTEM OFFSET:
  - THE SRT-350 INCORPORATES A PARABOLIC FLARE. INSTALL SYSTEM WITH A 4 FOOT OFFSET FROM THE BARRIER LINE EXTENDED ON BOTH A TANGENT AND FLARED INSTALLATION.
- POST OPTIONS:
  - WOOD POST ONLY
    - POSTS 1 AND 2, 45 INCH BREAKAWAY POSTS SET INSIDE 6 FOOT FOUNDATION TUBES. TUBES NO GREATER THAN 4 INCHES ABOVE GROUND.
    - POSTS 3 THROUGH 8 STANDARD CRT POST. THE BOTTOM OF THE TOP HOLE OF THE CRT POLE IS PLACED AT GROUND LEVEL.
- USE 12½ FOOT RAIL SECTIONS (3 EACH SECTIONS), SLOTTED AS PER MANUFACTURER'S REQUIREMENTS.
- COMPLETE SLOPE PREPARATION PRIOR TO INSTALLING SYSTEM.
  - USE 10:1 OR FLATTER SLOPES IN APPROACH AREA.
  - USE 4:1 OR FLATTER FORESLOPE OR BACKSLOPE IN THE RECOVERY AREA.
    - IF A 4:1 FORESLOPE. IN RECOVERY AREA IS IMPRACTICAL USE A MAXIMUM 3:1 FORESLOPE. ESTABLISH A RECOVERY AREA AT THE TOE OF THE 3:1 FORESLOPE OF 4:1 OR FLATTER.
  - USE A 4:1 BACKSLOPE TO THE CLEAR ZONE LIMIT IN THE RECOVERY AREA. IF A 4:1 CANNOT BE ESTABLISHED A 3:1 IS PERMITTED.
- CLEAR RECOVERY AND APPROACH AREAS OF ANY FIXED OBJECTS.
  - DO NOT PLACE SIGNS OR POLES IN APPROACH AREA.
  - USE BREAKAWAY SIGNS OR POLES WHEN PLACED IN RECOVERY AREA. MAINTAIN A MINIMUM 10 FOOT CLEARANCE TO THE SIDES AND REAR OF SYSTEM.
- CONSTRUCT PLATFORM AS REQUIRED EVEN IF THE PLATFORM EXTENDS BEYOND THE CLEAR ZONE REQUIREMENTS.
- USE GUARDRAIL TRANSITION, STD DWG BA 4 SERIES, WHEN ATTACHING THE SYSTEM TO CONCRETE BARRIER OR BRIDGE PARAPET.
- INSTALL REQUIRED MARKINGS AS PER STD DWG CC 1.
- USE THE CURRENT ROADSIDE DESIGN GUIDE TO ESTABLISH CLEAR ZONE REQUIREMENT AND LENGTH OF NEED (LON) REQUIREMENTS.

REVISIONS	
1	02/24/05
2	04/28/05
MODIFIED RECOVERY AREA REQUIREMENTS, REVISED NOTES AND TABLE 1.	
REISSUED TO CORRECT OVERSIGHT.	
NO.	DATE
APPR.	DATE
REMARKS	

UTAH DEPARTMENT OF TRANSPORTATION	
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION	
RECOMMENDED FOR APPROVAL	
CHAIRMAN	DATE
STANDARD COMMITTEE	APR.28.2005
APPROVED	APR.28.2005
DEPUTY DIRECTOR	DATE

GRADING AND  
INSTALLATION DETAILS  
CRASH CUSHION TYPE H  
(PARABOLIC FLARE)

STANDARD DRAWING TITLE

STD DWG  
CC 9B